

Work Order ID 53635-2

November 11, 2009 9:00:40 AM

Page 1

Item ID: D212-725-1-007

Accept

Setup Start

Revision ID: B

Stop

Item Name: COLLECTIVE BELL CRANK

Start Date: 11/12/09 Start Qty: 21.00

Cust Item ID:

Required Date: 11/20/09 Req'd Qty: 21.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D212-725-1

Rev B

190

0.00

Purchasing

Memo

0.00

Purchasing

Issue P.o to Eagle
D212-725-1-007

for NDT testing and QC inspection of parts back to Dart

200

Receive & Inspect for Damage & Mat'l Certs

0.00

Packaging

Memo

0.00

Packaging

Ensure C of C attached

204

0.00

HAAS I

Memo

0.00

HAAS CNC vertical machine #1

Machine Chamfer
per dwrg D212-725

210 QLG inspect dims to dwg.

3 S 10/01/29

SA 10/01/31

CL 09/11/11 22

CL 9/14/17 (22)

Pro ->

20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
9/11/20	# 210	Perm. Change QC 6 inspect dimensions to Drawing					S 09/11/20
10/06/20	#	to touch up Aldin AS PER Q52005	PK	10-02-01	20		S 10/06/20

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: LS Date: (EAGLECOAT) 15.11.20

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
9/11/20		Found Darning inspection All Qty x22 Parts have Dim .906 ^{+0.000} _{-0.002} measure in 909" .710" Also All Parts		See Attached e-mail				S 09/11/20
		have a dimple in the centre of the Part (φ.040" .0035" Deep.)						S 09/11/20

NOTE: Date & initial all entries

Work Order ID 53635

November 11, 2009 9:00:40 AM

Page 2

Item ID: D212-725-1-007

Accept

Revision ID: B

Item Name: COLLECTIVE BELL CRANK

Start Date: 11/12/09 Start Qty: 21.00

Required Date: 11/20/09 Req'd Qty: 21.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date:

QC: Date: SPC (Y/N): Date:

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

205

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

206

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

210

0.00



Purchasing

Memo

0.00

Purchasing

OUTSIDE SERVICES-MACH

Issue P/O: 11298

LPI Per ASTM 1417 LEVEL 2

Certificate of conformity is required



10/01/31

20

10/02/01

10-2-01

20

Work Order ID 53635

November 11, 2009 9:00:41 AM

Page 3

Item ID: D212-725-1-007

Accept

Setup Start

Revision ID: B

Stop

Item Name: COLLECTIVE BELL CRANK

Start Date: 11/12/09 Start Qty: 21.00

Cust Item ID:

Required Date: 11/20/09 Req'd Qty: 21.00

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

220 Receive & Inspect for Damage & Mat'l Certs 0.00



Packaging

Memo

0.00

Packaging

Handwritten signature 11/12/09 (20)

230 QC⁵ Inspect dimensions to drawing 0.00



QC

Memo

0.00

Quality Control

Handwritten signature 10 02 02 (20)

240 Identify as per dwg & Stock Location: _____ 0.00



Packaging

Memo

0.00

Packaging

Work Order ID 53635

February 3, 2010 3:28:41 PM



Page 3

Item ID: D212-725-1-007

Accept



Setup Start



Revision ID: B

Stop



Item Name: COLLECTIVE BELL CRANK

Start Date: 11/12/09 Start Qty: 21.00



Cust Item ID:

Required Date: 11/20/09 Req'd Qty: 21.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
220	Receive & Inspect for Damage & Mat'l Certs	0.00							
	Packaging	0.00							
	Packaging								
230	QC6- Inspect dimensions to drawing	0.00							
	QC	0.00							
	Quality Control								
231		0.00							
	Small Fab	0.00							
	Small Fab								

Work Order ID 53635

February 3, 2010 3:28:41 PM

Page 4

Item ID: D212-725-1-007

Accept

Revision ID: B

Item Name: COLLECTIVE BELL CRANK

Start Date: 11/12/09 Start Qty: 21.00

Required Date: 11/20/09 Req'd Qty: 21.00

Reference:

Cust Item ID:

Customer:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start
Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

232	QC5- Inspect part completeness to step on W/O	0.00							
QC	Memo	0.00							
Quality Control									

240	Identify as per dwg & Stock Location: _____	0.00							
Packaging	Memo	0.00							
Packaging									

250	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

closed on inventory to inventory
p scanned on wp65401
M.

6 11.06.17

Picklist Print

February 3, 2010 3:28:39 PM

Work Order ID: 53635

Parent Item: D212-725-1-007RevB

Parent Item Name: COLLECTIVE BELL CRANK

Comments: IPP REV:B As per NCR 09-114 JLM Verified by:DD

Start Date: 11/12/09

Required Date: 11/20/09

Start Qty: 21.00

Required Qty: 21.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

120-013-3A		Purchased	No				Each	40.0000	21.0000			
------------	--	-----------	----	--	--	--	------	---------	---------	--	--	--



sleeve

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST381

40

113699

40

120-015-5A

Purchased No

Each 40.0000 21.0000



sleeve

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST381

40

113699

40

MS276433

Purchased No

Each 40.0000 21.0000



bearing

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

40

113673

40

Picklist Print

Page 2

February 3, 2010 3:28:39 PM

Work Order ID: 53635



Parent Item: D212-725-1-007RevB



Parent Item Name: COLLECTIVE BELL CRANK


Start Date: 11/12/09

Required Date: 11/20/09

Comments: IPP REV:B As per NCR 09-114 JLM Verified by:DD

Start Qty: 21.00

Required Qty: 21.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS276475 		Purchased	No				Each	40.0000	21.0000			

bearing

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	40	
113673	40	

February 3, 2010 3:28:39 PM

Shop Packet Print

Page 2

Picklist Print

November 11, 2009 9:00:39 AM

Work Order ID: 53635

Parent Item: D212-725-1-007RevB

Parent Item Name: COLLECTIVE BELL CRANK

Start Date: 11/12/09

Required Date: 11/20/09

Comments:

Start Qty: 21.00

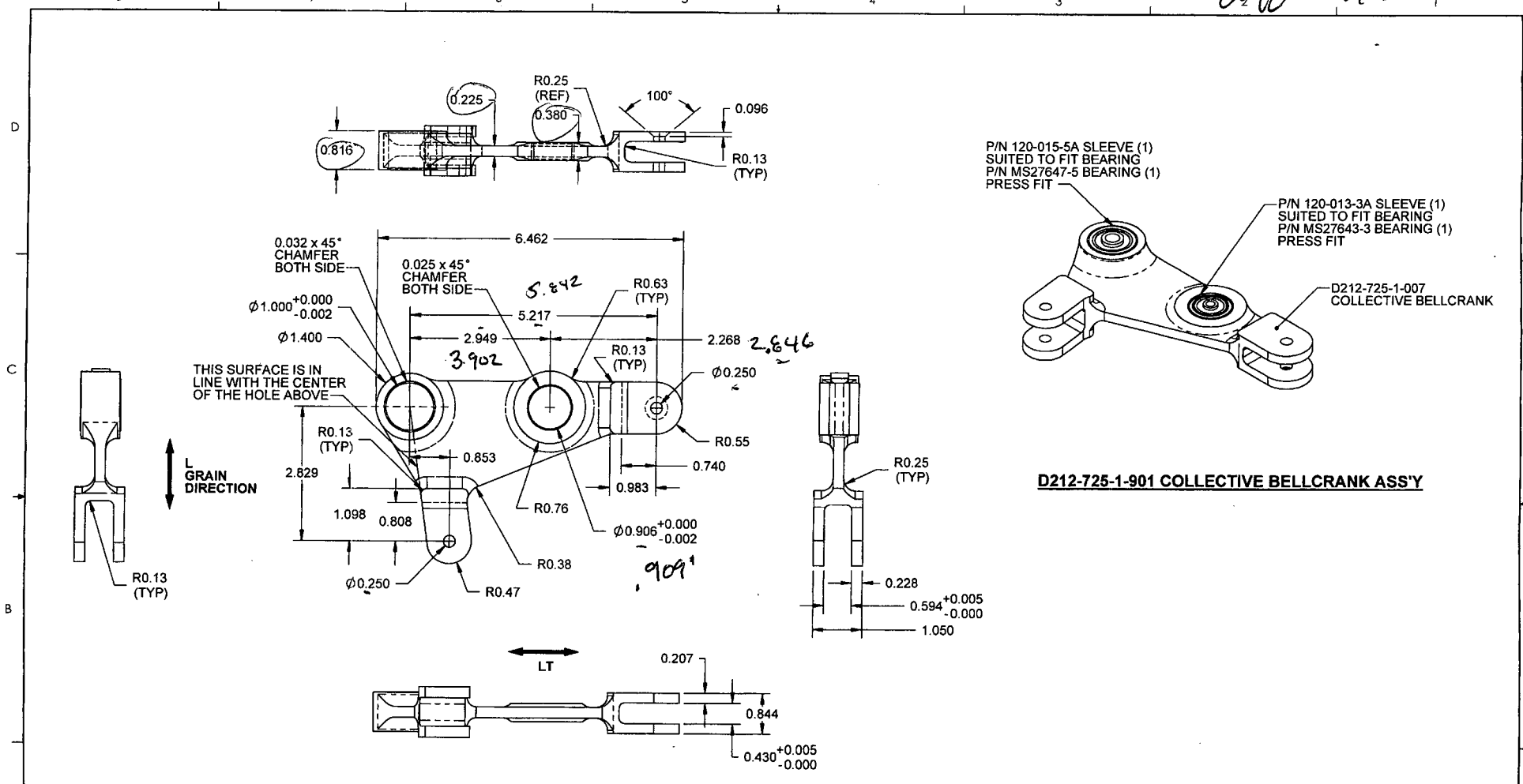
Required Qty: 21.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D212-725-1-007RevB		Manufactured	No				Each	2.0000	21.0000			
COLLECTIVE BELL CRANK												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	2	
48087	2	

53635

4053635



P/N 120-015-5A SLEEVE (1)
SUITED TO FIT BEARING
P/N MS27647-5 BEARING (1)
PRESS FIT

P/N 120-013-3A SLEEVE (1)
SUITED TO FIT BEARING
P/N MS27643-3 BEARING (1)
PRESS FIT


D212-725-1-007
COLLECTIVE BELLCRANK

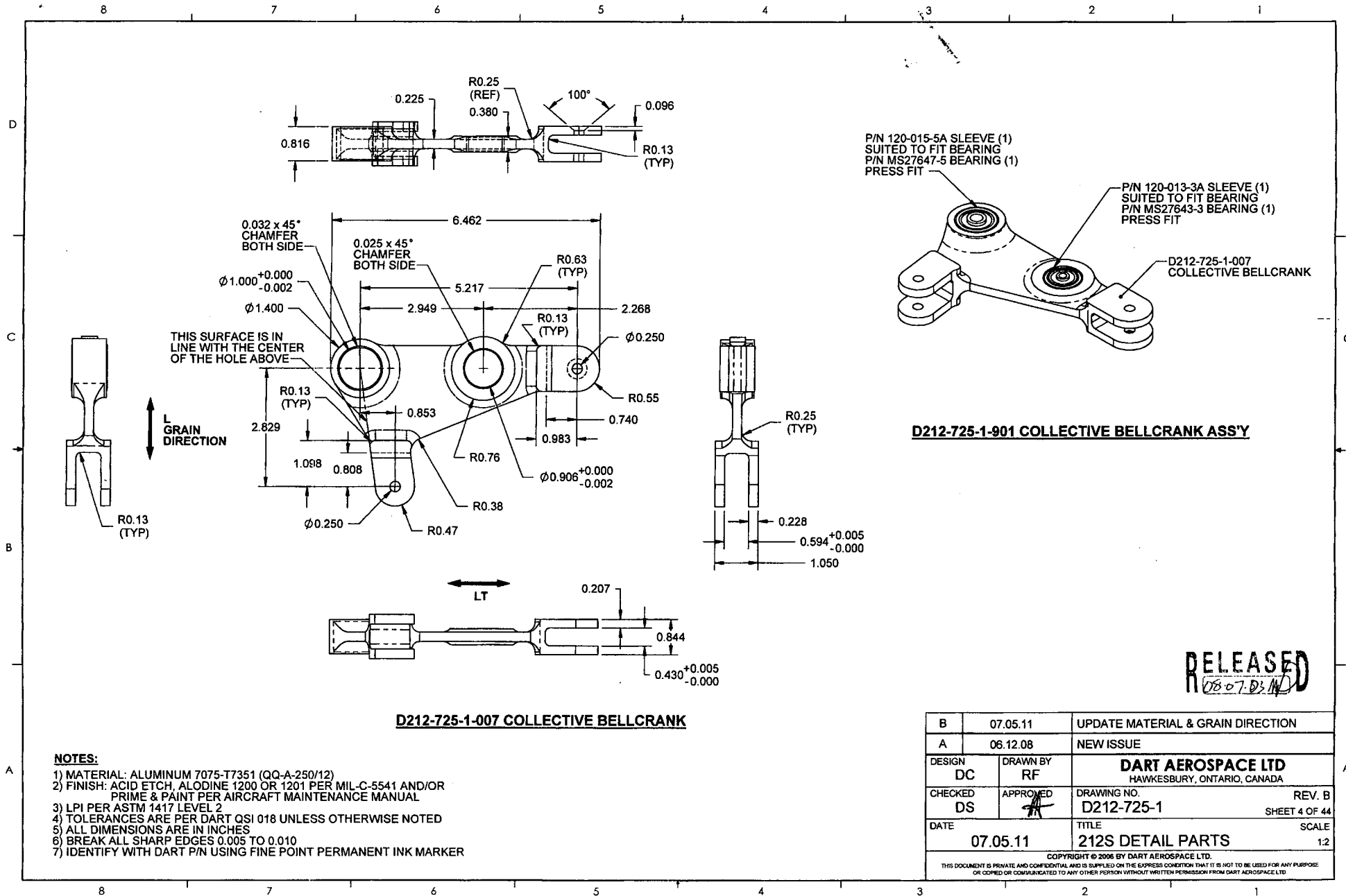
D212-725-1-901 COLLECTIVE BELLCRANK ASS'Y

D212-725-1-007 COLLECTIVE BELLCRANK

NOTES:

- 1) MATERIAL: ALUMINUM 7075-T7351 (QQ-A-250/12)
- 2) FINISH: ACID ETCH, ALODINE 1200 OR 1201 PER MIL-C-5541 AND/OR PRIME & PAINT PER AIRCRAFT MAINTENANCE MANUAL
- 3) LPI PER ASTM 1417 LEVEL 2
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 7) IDENTIFY WITH DART P/N USING FINE POINT PERMANENT INK MARKER

B	07.05.11	UPDATE MATERIAL & GRAIN DIRECTION	
A	08.12.08	NEW ISSUE	
DESIGN DC	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED DS	APPROVED 	DRAWING NO. D212-725-1	REV. B SHEET 4 OF 44
DATE 07.05.11		TITLE 212S DETAIL PARTS	SCALE 1:2
COPYRIGHT © 2006 BY DART AEROSPACE LTD.			
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			



L Lacelle

From: Craig Swayne [cswayne@eaglecopters.com]
Sent: November 16, 2009 1:49 PM
To: 'L Lacelle'
Subject: RE:

Yes Linda I believe this to be the case. I don't think that Field Aviation would have NDT the pieces when they manufactured them if so we would have no record.

Can you double check that they do not have a chamfer I don't think im making that up.

Craig

From: L Lacelle [mailto:llacelle@dartaero.com]
Sent: November 16, 2009 11:46 AM
To: 'Craig Swayne'; 'Jean-Luc Menard'
Subject: RE:

Hi Craig,
So just to be sure, we have to chamfer and NDT the 22 pcs here, correct?
LL

From: Craig Swayne [mailto:cswayne@eaglecopters.com]
Sent: November 16, 2009 1:02 PM
To: 'Jean-Luc Menard'; 'L Lacelle'
Subject: RE:

Linda

We have machined the chamfer here at Eagle you wont be seeing these shipped to you.

While I think about it. The 21 bellcranks we shipped to you from our stock did not have this chamfer machined into them!!

Thanks
Craig

From: Jean-Luc Menard [mailto:jmenard@dartaero.com]
Sent: November 10, 2009 5:40 AM
To: 'L Lacelle'
Cc: 'Craig Swayne'
Subject: RE:

Linda,
No problem, we will re-mount them on the fixture and I will create a temp prog to mill the chamfers.
JLM

11/16/09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

From: L Lacelle [mailto:llacelle@dartaero.com]
Sent: November 10, 2009 7:05 AM
To: 'Jean-Luc Menard'
Cc: 'Craig Swayne'
Subject: FW:

JL,
If he returns these, can we add the chamfer, then get NDT'd?

LL

From: Craig Swayne [mailto:cswayne@eaglecopters.com]
Sent: November 9, 2009 5:21 PM
To: 'L Lacelle'
Subject:

Hello Linda

Are you up to speed on three D212-725-1-007 Collective bellcranks shipped to me eons ago for warranty of three Eagle Singles?

I guess Dart had identified that the bell cranks had to be NDT after manufacture and three Eagle singles had them installed with out NDT.

I have these three bellcranks from batch # B48087 and the bearing locations are missing a chamfer on the on one side of each bellcrank. This chamfer allows room for the material to be displaced when swaging bearing into place. This leaves me unable to properly roll stake the bearings.

See pictures attached.

Thanks
Craig

11/16/09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

FIELD AVIATION COMPANY inc

1312 AVIATION PARK N.E. CALGARY ALBERTA T2E 7E2

Purchasing Phone (403) 516-8335 Fax (403) 516-8301

Sales Phone (403) 516-8315 Fax (403) 516-8336

PACKING SLIP

Date	Feb 01/07
Packing Slip	35110
Page #	1

SHIP TO

EAGLE COPTERS MAINTENANCE LTD
823 MC TAVISH ROAD NE
CALGARY AB T2E 7G9

SOLD TO

EAGLE COPTERS MAINTENANCE LTD
823 MC TAVISH ROAD NE
CALGARY AB T2E 7G9

Vendor Code	Order Date	Reference Number	Purchase Order No.	Ship Via Collect	Ship Date	Waybill Number	
EAGCOP	May 03/06	SO26526	06-001648	PICKUP	Feb 01/07		
Line#	Qty Ord	Qty Ship	Part Number Description	HS Code	Country of Orig.	Unit Value	Total Value
01	25	25	D212-725-1-007 BELL CRANK I HEREBY CERTIFY THAT THE PRODUCTS/PROCESSES LISTED CONFORM TO THE REQUIREMENTS AS SPECIFIED IN THE ABOVE PURCHASE/CONTRACT ORDER. B/N: W72081		CA	405.00	10,125.00
						TOTAL \$CDN\$	10,125.00

RECEIVED

FEB 18 2007

PACKING SLIP

FEB 15 2007

Comments

I HEREBY CERTIFY THAT THE ITEMS, OR MATERIAL, COVERED BY THIS DOCUMENT HAS BEEN INSPECTED AND TESTED AND CONFORM TO THE APPROVED SPECIFICATION RELATIVE THERETO. THIS IS SUBSTANTIATED EITHER BY MY OWN INSPECTION AND TEST, OR BY SATISFACTORY DOCUMENTARY EVIDENCE FROM THE ORIGINAL SOURCE OF SUPPLY. XXXXXXXXXX

FEB/12/2007

AUTHORIZED INSPECTOR:

SHIPMENT AUTHORIZATION BY:

BUYER:

PACKED BY:

SHIPPED BY:

RECEIVED BY:

1.

2.

HEATHER WILSON

RB

RB

FIELD AVIATION COMPANY inc

1312 AVIATION PARK N.E. CALGARY ALBERTA T2E 7E2

Purchasing Phone (403) 516-8335 Fax (403) 516-8301

Sales Phone (403) 516-8315 Fax (403) 516-8336

PACKING SLIP

Date	Feb 01/07
Packing Slip	35110
Page #	1

SHIP TO

EAGLE COPTERS MAINTENANCE LTD
823 MC TAVISH ROAD NE
CALGARY AB T2E 7G9

SOLD TO

EAGLE COPTERS MAINTENANCE LTD
823 MC TAVISH ROAD NE
CALGARY AB T2E 7G9

Vendor Code	Order Date	Reference Number	Purchase Order No.	Ship Via Collect	Ship Date	Waybill Number	
EAGCOP	May 03/06	SO26526	06-001648	PICKUP	Feb 01/07		
Line#	Qty Ord	Qty Ship	Part Number Description	HS Code	Country of Orig.	Unit Value	Total Value
01	25	25	D212-725-1-007 BELLCRANK I HEREBY CERTIFY THAT THE PRODUCTS/PROCESSES LISTED CONFORM TO THE REQUIREMENTS AS SPECIFIED IN THE ABOVE PURCHASE/CONTRACT ORDER. B/N: W72081		CA	405.00	10,125.00
						TOTAL \$CDN\$	10,125.00

PACKING SLIP

FEB 15 2007

Comments

I HEREBY CERTIFY THAT THE ITEMS, OR MATERIAL, COVERED BY THIS DOCUMENT HAS BEEN INSPECTED AND TESTED AND CONFORM TO THE APPROVED SPECIFICATION RELATIVE THERETO, THIS IS SUBSTANTIATED EITHER BY MY OWN INSPECTION AND TEST, OR BY SATISFACTORY DOCUMENTARY EVIDENCE FROM THE ORIGINAL SOURCE OF SUPPLY.

FEB 12 / 2007

AUTHORIZED INSPECTOR:

SHIPMENT AUTHORIZATION BY:

BUYER:

PACKED BY:

SHIPPED BY:

RECEIVED BY:

1. 2. HEATHER WILSON

FIELD AVIATION COMPANY inc

1312 AVIATION PARK N.E. CALGARY ALBERTA T2E 7E2

Purchasing Phone (403) 516-8335 Fax (403) 516-8301

Sales Phone (403) 516-8315 Fax (403) 516-8336

PACKING SLIP



Date	Mar 03/09
Packing Slip	39963
Page #	1

SHIP TO

EAGLE COPTERS MAINTENANCE LTD
823 MC TAVISH ROAD NE
CALGARY AB T2E 7G9

SOLD TO

EAGLE COPTERS MAINTENANCE LTD
823 MC TAVISH ROAD NE
CALGARY AB T2E 7G9

Vendor Code	Order Date	Reference Number	Purchase Order No.	Ship Via Collect	Ship Date	Waybill Number	
EAGCOP	Feb 09/09	SO29884	08-003185	CUST P-UP	Mar 03/09		
Line#	Qty Ord	Qty Ship	Part Number Description	HS Code	Country of Orig.	Unit Value	Total Value
01	1	1	HEAT TREAT HEAT TREAT ALUM ALLOY I HEREBY CERTIFY THAT THE PRODUCTS/PROCESSES LISTED CONFORM TO THE REQUIREMENTS AS SPECIFIED IN THE ABOVE PURCHASE/CONTRACT ORDER. *P/N D212-725-1-007,7075 QQ-A-250/12 T651 HEAT TREATED TO T735 1 PER ASM 2770 REV H* CODE:CC-ECML ATTN:JOHN ROSS B/N:W 21684			130.00	130.00
						TOTAL \$CDN\$	130.00

PACKING SLIP

PACKING SLIP

Comments

SHIPPED MAR 03 2009

I HEREBY CERTIFY THAT THE ITEMS, OR MATERIAL, COVERED BY THIS DOCUMENT HAS BEEN INSPECTED AND TESTED AND CONFORM TO THE APPROVED SPECIFICATION RELATIVE THERETO, THIS IS SUBSTANTIATED EITHER BY MY OWN INSPECTION AND TEST, OR BY SATISFACTORY DOCUMENTARY EVIDENCE FROM THE ORIGINAL SOURCE OF SUPPLY. D.O.T. [REDACTED]

AUTHORIZED INSPECTOR

G. Langman



SHIPMENT AUTHORIZATION BY:

BUYER:

PACKED BY:

SHIPPED BY:

RECEIVED BY:

1. *Veronica P*

2. JOHN ROSS

RB

RB

FIELD AVIATION COMPANY inc

1312 AVIATION PARK N.E. CALGARY ALBERTA T2E 7E2

Purchasing Phone (403) 516-8335 Fax (403) 516-8301

Sales Phone (403) 516-8315 Fax (403) 516-8336

PACKING SLIP

Date	Mar 0
Packing Slip	3996
Page #	1

SHIP TOEAGLE COPTERS MAINTENANCE LTD
823 MC TAVISH ROAD NE
CALGARY AB T2E 7G9**SOLD TO**EAGLE COPTERS MAINTENANCE LTD
823 MC TAVISH ROAD NE
CALGARY AB T2E 7G9

Vendor Code	Order Date	Reference Number	Purchase Order No.	Ship Via Collect	Ship Date	Waybill Number
EAGCOP	Feb 09/09	SO29884	08-003185	CUST P-UP	Mar 03/09	

Line#	Qty Ord	Qty Ship	Part Number Description	HS Code	Country of Orig.	Unit Value	T. V.
01	1	1	HEAT TREAT HEAT TREAT ALUM ALLOY I HEREBY CERTIFY THAT THE PRODUCTS/PROCESSES LISTED CONFORM TO THE REQUIREMENTS AS SPECIFIED IN THE ABOVE PURCHASE/CONTRACT ORDER. *P/N D212-725-1-007,7075 QQ-A-250/12 T651 HEAT TREATED TO T735 1 PER ASM 2770 REV H* CODE:CC-ECML ATTN:JOHN ROSS B/N:W 21684			130.00	130
						TOTAL \$CDN\$	130

PACKING SLIP

Comments

I HEREBY CERTIFY THAT THE ITEMS, OR MATERIAL, COVERED BY THIS DOCUMENT HAS BEEN INSPECTED AND TESTED AND CONFORM TO THE APPROVED SPECIFICATION RELATIVE THERETO, THIS IS SUBSTANTIATED EITHER BY MY INSPECTION AND TEST, OR BY SATISFACTORY DOCUMENTARY EVIDENCE FROM THE ORIGINAL SOURCE OF SUPPLY. D.O.T. [REDACTED]

SHIPPED MAR 03 2009

AUTHORIZED INSPECTOR:

J. Langman

SHIPMENT AUTHORIZATION BY:

BUYER:

PACKED BY:

SHIPPED BY:

RECEIVED BY:

1. *Veronica P*

2. JOHN ROSS

*RB**RB*

DART
aerospaceDart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053**PURCHASE ORDER**

Purchase Order ID PO10735

Purchase Order Date 11/11/09

PO Print Date 11/11/09

Page Number 1 of 1

Order From :

VC-EAG002

EAGLE COPTERS MAINTENANCE LTD.
823 MCTAVISH ROAD
CALGARY, AB T2E 7G9
CA**FAKED**

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	403 250 7370	Requisition Nbr	
Vendor Fax	403 250 7110	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 15
		Currency	CAD
		FOB	

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D212-725-1-007P	Collective Bell Crank	11/20/09 Yes	22 2X00 Each	FedEx Economy	\$535.0000	\$11,235.00

Special Inst: AS PER DWG D212-725-1-007 REV.B
B53635**PO Total:** \$11,235.00CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 11/11/09

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Eagle Copters Maintenance Ltd

823 McTavish Rd, NE
Calgary, Alberta T2E 7G9
Canada

PACKING SLIP

Date Shipped: November 12, 2009

Telephone: (403) 250-7370

Fax: (403) 250-7110

Shipment number: SH#09-004018

Manifest number:

Ship To: Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, Ontario K6A 1K7
Canada

Ship Via: FED EX

Carrier Terms:

Waybill: 7981 3253 6950

Shipping Instructions: Ship Fedex Econo
Attn: Linda

Phone: 613-632-5200

Customer P.O. Number: PO10735

Item	Part Number	Part Description	Current Location	Qty	UOM	Serial Number	Lot Number
1	D212-725-1-007	BELLCRANK	Shipping Area	21	Each		LT-09-005444
Type of sale: Outright							

Sales Order Number: SO09-01732.001

Eagle PO Number

Comments

* End of Report *

>> denotes that the Packing Slip line item has already been printed.



LIQUID PENETRANT TEST REPORT

P- 15316

CLIENT DAV Aerospace DATE FEB 1-2010 PAGE 1 OF 1
ATTENTION LINDA ACUREN JOB No. 183-10-0650 TIME AM ☒ PM ☐
ADDRESS 1270 ABERDEEN ST. POWO No. 11790
HAWKESBURY ON. WORK LOCATION HAWKESBURY -
KOH 1K7 ACCEPTANCE STD. ASTM 1417 REV./DATE 2007
PROJECT F.P.I. ON CROSS TUBES
ITEM(S) EXAMINED (12) SLEEVE'S

JOB DESCRIPTION PROCEDURE No. LT002 REV./DATE LT002 TECHNIQUE No. LT002 REV./DATE LT002
PART NO. STAINLESS STEEL MATERIAL ALUMINE ALUMINUM THICKNESS ---
SCOPE WET FLUORESCENT LIQUID PENETRANT INSPECTION
CARRIED OUT 100% EXTERNAL

TEST DETAILS
METHOD ☒ FLUORESCENT ☐ VISIBLE
FAMILY BRAND MAGNAFLUX ☒ WATER WASH ☐ SOLVENT REMOVABLE ☐ POST EMULSIFIED
PENETRANT 2L 6F MINIMUM DWELL TIME 45 MIN. BLACK LIGHT S/N 16459 ☒ OUTPUT > 1000 μ W/cm² ☐ AMBIENT < 2 fc
PENETRANT REMOVER H2O MINIMUM DRY TIME >10 MIN. LIGHTING EQUIP. ☐ FLASHLIGHT ☐ TROUBLELIGHT ☐ OUTPUT > 100 fc @ SURFACE
DEVELOPER SKD 152 MINIMUM DWELL TIME 10 MIN. OTHER LABNO
DEVELOPER TYPE ☒ NON AQUEOUS ☐ AQUEOUS ☐ DRY LIGHT METER S/N 1078866 CAL DUE DATE MAR 7 2010

TEST SURFACE
SURFACE CONDITION ☐ AS GROUND ☐ AS WELDED ☐ MACHINED ☐ SHOT BLASTED ☐ CLEAN BARE METAL
SURFACE TEMPERATURE ☐ < -4°C/ 20°F ☐ -4°C/ 20°F TO 10°C/ 50°F ☐ 10°C/ 50°F TO 52°C/ 125°F ☐ > 52°C/ 125°F
RESULTS- ☐ METRIC ☐ IMPERIAL

12 SLEEVE'S - W.O. 55638 ✓
1 CROSS TUBE - W.O. 55132 ✓
1 CROSS TUBE - W.O. 55133 ✓
1 CROSS TUBE - W.O. 55406 ✓
1 CROSS TUBE - W.O. 55404 ✓
20 COLLECTIVE BELL CRANK - W.O. 53635 ✓
1 Mount - W.O. 55097 ✓
1 CROSS TUBE - W.O. 55433 ✓
1 CROSS TUBE - W.O. 55434 ✓

ALL ITEMS EXAMINED ON THIS
REPORT WERE FOUND ACCEPTABLE
TO THIS STANDARD.

[Signature]
10/02/02

Scope of Services
The agreement of Acuren Group Inc. to perform services extends only to those services provided for in writing. Under no circumstances shall such services extend beyond the performance of the requested services. It is expressly understood that all descriptions, comments and expressions of opinion reflect the opinions or observations of Acuren Group Inc. based on information and assumptions supplied by the owner/operator and are not intended nor can they be construed as representations or warranties. Acuren Group Inc. is not assuming any responsibilities of the owner/operator and the owner/operator retains complete responsibility for the engineering, manufacture, repair and use decisions as a result of the data or other information provided by Acuren Group Inc. In no event shall Acuren Group Inc.'s liability in respect of the services referred to herein exceed the amount paid for such services.
Standard of Care
In performing the services provided, Acuren Group Inc. uses the degree, care and skill ordinarily exercised under similar circumstances by others performing such services in the same or similar locality. No other warranty, expressed or implied, is made or intended by Acuren Group Inc.

SIGNATURES
CLIENT REPRESENTATIVE Matthew Murdoch DTR# E-27697
TECHNICIAN (SIGNATURE): [Signature] SIGNATURE
NAME (PRINT): MIKE JOHNSTON
CGSB LEVEL II SNT LEVEL II CGSB LEVEL --- SNT LEVEL ---
CGSB REG. NO. 6606 CGSB REG. NO. ---
REPORT REVIEWED BY: ---
NAME --- INITIALS ---

WHITE - CLIENT COPY

CANARY - OFFICE COPY

PINK - TECHNICIAN COPY

GOLD - OFFICE COPY

DART AEROSPACE LTD		Work Order:	
Description: Collective Bellcrank		Part Number:	D212-725-1-007
Inspection Dwg: D212-725-1 Rev: D		Page 1 of 1	

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.816	+/-0.010	0.8125	✓			
0.225	+/-0.010	0.2226	✓			
0.380	+/-0.010	0.37583	✓			
R0.25		R0.25	✓			
100°		100°	✓			
0.096		0.100	✓			
R0.13	+/-0.030	R0.125	✓			
0.032 x 45°		0.011 x 45°		✓		ACCEPTABLE DEVIATION
0.025 x 45°		0.005 x 45°		✓		ACCEPTABLE DEVIATION
6.462	+/-0.010	6.4645	✓			
R0.63	+/-0.030	could not	—			could not measure
2.949	+/-0.005	2.948	✓			
2.268		2.268	✓			
Ø0.250	+0.005/-0.001	0.251	✓			
0.740	+/-0.010	0.737	✓			
0.853		0.847	✓			
0.983	+/-0.010	0.981	✓			
2.829		2.8245	✓			
1.098		1.090	✓			
0.808	+/-0.010	0.805	✓			
R0.76		R0.76	✓			
Ø0.906	+0.000/-0.002	0.9089		✓		ACCEPTABLE DEVIATION
Ø1.000	+0.000/-0.002	0.9989	✓			
R0.38		R.375	✓			
R0.47		R.470	✓			
0.207		0.2078	✓			
0.844	+/-0.010	0.8443	✓			
0.430	+0.005/-0.000	0.430	✓			
0.228	+/-0.010	0.2276	✓			
0.594	+0.005/-0.000	0.5976	✓			
1.050	+/-0.010	1.0475	✓			

Measured by:	<i>[Signature]</i>	Audited by:		Prototype Approval:	N/A
Date:	09/03/23	Date:		Date:	N/A

Rev	Date	Change	Revised by	Approved
A	07.01.17	New Issue	KJ/JLM	
B	08.12.02	Dimensions updated per Dwg Rev. D	KJ/DD	<i>[Signature]</i>